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Erratum

Erratum to "Elimination of unbounded quantifiers for some poly-regular groups of infinite rank" [Ann. Pure Appl. Logic 149 (1–3) (2007) 40–80]

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The proofs of Theorem 2.5 (see especially l. −7 on p. 49) and Theorem 5.7 (see especially l. (−13)–(−12) on p. 70) rely on the theorem that

Every colored chain without greatest element has a proper elementary end-extension. (∗)

While my paper cites the proof of (∗) in [1, p. 709], Ph. Rothmaler has pointed out in conversation that the argument in [1] works only for colored chains of countable cofinality. So readers should turn to the original proof of (∗) in Section 2 of [2]; see especially [2, Corollary 2.8], and note that the arguments of Section 2 apply to languages, for colored chains, with any number of unary relation symbols.

References

[1] W. Hodges, Model Theory, Encyclopedia of Mathematics and its Applications, vol. 42, Cambridge University Press, Cambridge, 1993.
[2] M. Rubin, Theories of linear order, Israel J. Math. 17 (1974) 392–443.

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